

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	359/664,642,455.cds. and @pd>="20080918"	US-PGPUB; USPAT	OR	ON	2009/03/16 08:12
L2	21	264/1,36,1,37.cds. and @pd>="20080918"	US-PGPUB; USPAT	OR	ON	2009/03/16 08:12
S58	301	((light lite ray beam radiation illumination) near10 ((burning discolor\$3) near5 (lens resin plastic lens))	US-PGPUB; USPAT	OR	ON	2009/03/16 06:21
S59	10	359/620.cds. and @pd>="20080918"	US-PGPUB; USPAT	OR	ON	2009/03/16 06:21
S60	108	359/619,618,622,623.cds. and @pd>="20080918"	US-PGPUB; USPAT	OR	ON	2009/03/16 06:21
S61	210	359/620.cds.	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S62	2694	359/619,618,622,623.cds.	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S63	394494	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S64	65499	microlens "micro lens" micro- lens ((lenticular cylindrical) adj2 (lens\$2 elements)) lenslets	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S65	4272	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)) same (microlens "micro lens" micro- lens ((lenticular cylindrical) adj2 (lens\$2 elements)) lenslets)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S66	56	S61 and S65	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S67	11	S66 and dot	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S68	736588	high near10 (light contrast image energy radiation)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S69	41	S68 and S66	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S70	922	particles and S65	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S71	71	S70 and S62	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S72	16964	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)) near10 (pieces dot particle)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S73	962	S64 and S72	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22

S74	105	S61 and S63	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S75	0	S74 and discolor\$3	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S76	713	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)) near10 (pieces dot particle)) near10 resin	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S77	63	S64 and S76	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S78	0	S61 and S77	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S79	2	S77 and S62	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S80	5	("20020077402"   "20040001993"   "5066099"   "5815313"   "6307675").PN. OR ("6940644").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 06:22
S81	5	("20020077402"   "20040001993"   "5066099"   "5815313"   "6307675").PN. OR ("6940644").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 06:22
S82	31	("4083626"   "5066099"   "5146342"   "5434706"   "5485308"   "5587816").PN. OR ("5815313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 06:22
S83	252887	(absorb\$5 block\$3 shield\$3 filter \$3 attenuat\$3) near10 (dots particles pieces flakes)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 06:22
S84	41	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near10 (dots particles pieces flakes)) near20 (microlens "micro lens" micro-lens ((lenticular cylindrical) adj2 (lens\$2 elements) lenslets)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S85	797	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near10 (dots particles pieces flakes)) near10 resin	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S86	1	S85 and S61	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S87	3	S85 and S62	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S88	1215	359/664,642,455.cds.	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S89	517	264/1.36,1.37.cds.	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22

S90	4	S85 and S88	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S91	2	S85 and S89	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S92	5	("20020077402"   "20040001993"   "5066099"   "5815313"   "6307675").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 06:22
S93	495	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near10 (dots spots areas)) near10 resin	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S94	275	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near5 (dots spots areas)) near5 resin	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S95	25	S94 and S64	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S96	99	resin near10 (discolored discoloring carbonization) near10 (light illumination beam laser)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S97	1	S64 and S96	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S98	0	S96 and S61	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S99	0	S96 and S62	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S100	1	S96 and S88	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S101	2	S96 and S89	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S102	112	resin near10 (discolored discoloring carbonization blackened blackend blacking blackened) near10 (light illumination beam laser)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S103	1	S64 and S102	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S104	0	S62 and S102	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S105	25	S94 and S64	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S106	11	resin near10 (discolored discoloring carbonization) near10 (light illumination beam burned burnt laser) and (spot spot-like)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22

S107	1122	resin near10 (discolored discoloring carbonization cured) near10 (light illumination beam burned burnt laser) and (spot spot-like)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S108	121	S64 and S107	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S109	119	resin near10 (discolored discoloring carbonization cured) near10 (light illumination beam burned burnt laser) same (spot spot-like)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S110	8	S109 and S64	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S111	111	S109 not S110	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S112	0	S111 and (S61 S62 S88 S89)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S113	10	S109 and (lens near2 array)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S114	6	S111 and (lens near2 array)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S115	508487	(light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S116	27438	S115 and S64	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S117	92	S116 and S61	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S118	137644	discolored discoloring discolor colorless	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S119	68341	resin and (energy) and laser	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S120	7228	S118 and S119	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S121	274	S120 and S64	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S122	2	S121 and S61	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S123	20	S65 and S121	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S124	866	carbonization near3 resin	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S125	11	S124 and S64	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S126	201763	(light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)	FFRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22

S127	33803	microlens "micro lens" micro-lens ((lenticular cylindrical adj2 (lens\$2 elements)) lenslets	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S128	447024	high near10 (light contrast image energy radiation)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S129	5571	((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)) near10 (pieces dot particle)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S130	94436	(absorb\$5 block\$3 shield\$3 filter \$3 attenuat\$3) near10 (dots particles pieces flakes)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S131	112	resin near10 (discolored discoloring carbonization) near10 (light illumination beam laser)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S132	34003	discolored discoloring discolor colorless	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S133	1869	resin and (energy) and laser	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S134	503	carbonization near3 resin	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S135	1572	S126 and S127	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S136	2	S132 and S135	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S137	17	S133 and S132	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S138	6516	S130 and S126	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S139	98	S131 and S132	FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/16 06:22
S140	47	359/664,642,455.ccls. and @pd>="20080918"	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S141	21	264/1.36,1.37.ccls. and @pd>="20080918"	US-PGPUB; USPAT	OR	ON	2009/03/16 06:22
S142	160	S58 and S63	US-PGPUB; USPAT	OR	ON	2009/03/16 06:34
S143	97	(resin lens lenticular) with (blocking absorb\$5 discolored black\$3 opaque) with (irradiat\$4 burning)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:41
S144	4518	forming with (absorption black \$3 discolored opaque block\$3) near5 (spots area)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:44
S145	478	forming with (absorption black \$3 discolored opaque block\$3) with (spots area) with (lens resin)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:44
S146	283	(discolor\$3 dis-color\$3) with resin with (light illumination radiation enery)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:45

S147	292	(discolor\$3 dis-color\$3) with resin with (light illumination radiation energy)	US-PGPUB; USPAT	OR	ON	2009/03/16 06:45
S148	162	S63 and S147	US-PGPUB; USPAT	OR	ON	2009/03/16 06:46
S149	117	S148 not S142	US-PGPUB; USPAT	OR	ON	2009/03/16 06:46
S150	398	discolor\$3 near2 resin	US-PGPUB; USPAT	OR	ON	2009/03/16 07:16
S151	69	((discolor\$3 near2 resin) with (light radiation energy))	US-PGPUB; USPAT	OR	ON	2009/03/16 07:17
S152	1	((discolor\$3 near2 resin) with (light radiation energy) with lens	US-PGPUB; USPAT	OR	ON	2009/03/16 07:17
S153	8	((discolor\$3 near2 resin) with (light radiation energy)) and absorb	US-PGPUB; USPAT	OR	ON	2009/03/16 07:24
S154	1	((discolor\$3 near2 resin) same (light radiation energy) same lens) and absorb\$4	US-PGPUB; USPAT	OR	ON	2009/03/16 07:27
S155	3	((discolor\$3 near2 resin) and (light radiation energy)) same lens) and absorb\$4	US-PGPUB; USPAT	OR	ON	2009/03/16 07:27
S156	1	((burning near2 resin) and (light radiation energy)) same lens) and absorb\$4	US-PGPUB; USPAT	OR	ON	2009/03/16 07:28
S157	1	((burning near4 resin) and (light radiation energy)) same lens) and absorb\$4	US-PGPUB; USPAT	OR	ON	2009/03/16 07:28
S158	8	((discolor\$3 dis-color\$3) near4 resin) and (light radiation energy)) same lens) and absorb \$4	US-PGPUB; USPAT	OR	ON	2009/03/16 07:29
S159	5	S158 not S155	US-PGPUB; USPAT	OR	ON	2009/03/16 07:29
S160	5	((discolor\$3 near2 resin) with (light radiation energy).clm.	US-PGPUB; USPAT	OR	ON	2009/03/16 07:34
S161	8	((discolor\$3 dis-color\$3) with resin with (light illumination radiation enery).clm.	US-PGPUB; USPAT	OR	ON	2009/03/16 07:35
S162	57992	absorp\$5.clm.	US-PGPUB; USPAT	OR	ON	2009/03/16 07:35
S163	1	S160 and S162	US-PGPUB; USPAT	OR	ON	2009/03/16 07:35

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